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MECADEZ CORE TECHNOLOGIES PRIVATE LIMITED
PROJECT MANAGEMENT & CONSULTANCYSERVICES

Test Report
Concrete Compresive strength

	Asphalting road from Amruthahalli main road to Jakkur Burial ground in Ward No.05
	Executive Engineer, Project Division Yalahanka
	MCTPL/BBMP/Project-YNK/2017-2018/QR/01
	Concrete(M20) for Raft
	M/s. K.R.I.D.L
	IS: 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
	Bay
	Concrete
	6
	05-Apr-2018

	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
	20	7	7.11	150*150*150	2106.67	328.00	0.0225	14.58	14.28	14.44
	20	7	7.13	150*150*150	2112.59	320.00	0.0225	14.22		
	20	7	6.97	150*150*150	2065.19	316.00	0.0225	14.04		
	20	7	7.38	150*150*150	2186.67	324.00	0.0225	14.40	14.61	
	20	7	7.09	150*150*150	2100.74	331.00	0.0225	14.71		
	20	7	7.11	150*150*150	2106.67	331.00	0.0225	14.71		

Compressive strength of cement is 14.44 N/mm2

above are based on the tests carried out on the sample at site.

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Test Report
Concrete Compresive strength

	Asphalting road from Amruthahalli main road to Jakkur Burial ground in Ward No.05
	Executive Engineer, Project Division Yalahanka
	MCTPL/BBMP/Project-YNK/2017-2018/QR/01
	Concrete(M20) for Raft
	M/s. K.R.I.D.L
	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
	Bay
	Concrete
	5
	25-Apr-2018

	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
	20	7	7.20	150*150*150	2133.33	330.00	0.0225	14.67	14.37	14.53
	20	7	7.22	150*150*150	2139.26	322.00	0.0225	14.31		
	20	7	7.06	150*150*150	2091.85	318.00	0.0225	14.13		
	20	7	7.47	150*150*150	2213.33	326.00	0.0225	14.49	14.70	
	20	7	7.18	150*150*150	2127.41	333.00	0.0225	14.80		
	20	7	7.20	150*150*150	2133.33	333.00	0.0225	14.80		

Compressive strength of cement is 14.53 N/mm2

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Test Report
Concrete Compresive strength

	Asphalting road from Amruthahalli main road to Jakkur Burial ground in Ward No.05
	Executive Engineer, Project Division Yalahanka
	MCTPL/BBMP/Project-YNK/2017-2018/QR/01
	Concrete(M20) for Raft
	M/s. K.R.I.D.L
	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
	Bay
	Concrete
	1
	16-May-2018

	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
	20	28	7.93	150*150*150	2349.63	524.00	0.02	23.29	23.48	23.55
	20	28	7.85	150*150*150	2325.93	529.00	0.02	23.51		
	20	28	7.75	150*150*150	2296.30	532.00	0.02	23.64		
	20	28	7.98	150*150*150	2364.44	531.00	0.02	23.60	23.61	
	20	28	7.92	150*150*150	2346.67	530.00	0.02	23.56		
	20	28	7.86	150*150*150	2328.89	533.00	0.02	23.69		

28-days Compressive strength of cement is 23.55 N/mm2

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PROJECT MANAGEMENT & CONSULTANCY SERVICES

Test Report
Concrete Compresive strength

	Asphalting road from Amruthahalli main road to Jakkur Burial ground in Ward No.05
	Executive Engineer, Project Division Yalahanka
	MCTPL/BBMP/Project-YNK/2017-2018/QR/01
	Concrete(M20) for Raft
	M/s. K.R.I.D.L
	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
	Bay
	Concrete
	2
	16-May-2018

	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
	20	28	8.03	150*150*150	2379.26	526.00	0.0225	23.38	23.57	23.64
	20	28	7.95	150*150*150	2355.56	531.00	0.0225	23.60		
	20	28	7.85	150*150*150	2325.93	534.00	0.0225	23.73		
	20	28	8.08	150*150*150	2394.07	533.00	0.0225	23.69	23.70	
	20	28	8.02	150*150*150	2376.30	532.00	0.0225	23.64		
	20	28	7.96	150*150*150	2358.52	535.00	0.0225	23.78		

28-days Compressive strength of cement is 23.64 N/mm2

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Test Report
Concrete Compresive strength

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	Executive Engineer, Project Division Yalahanka
	MCTPL/BBMP/Project-YNK/2017-2018/QR/01
	Concrete(M20) for Raft
	M/s. K.R.I.D.L
	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
	Bay
	Concrete
	3
	16-May-2018

	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
	20	28	8.12	150*150*150	2405.93	528	0.0225	23.47	23.66	23.73
	20	28	8.04	150*150*150	2382.22	533	0.0225	23.69		
	20	28	7.94	150*150*150	2352.59	536	0.0225	23.82		
	20	28	8.17	150*150*150	2420.74	535	0.0225	23.78	23.79	
	20	28	8.11	150*150*150	2402.96	534	0.0225	23.73		
	20	28	8.05	150*150*150	2385.19	537	0.0225	23.87		

28-days Compressive strength of cement is 23.73 N/mm2

Note :

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Test Report
Concrete Compresive strength

	Asphalting road from Amruthahalli main road to Jakkur Burial ground in Ward No.05
	Executive Engineer, Project Division Yalahanka
	MCTPL/BBMP/Project-YNK/2017-2018/QR/01
	Concrete(M20) for Raft
	M/s. K.R.I.D.L
	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
	Bay
	Concrete
	4
	16-May-2018

	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
	20	28	8.22	150*150*150	2435.56	530	0.0225	23.56	23.75	23.81
	20	28	8.14	150*150*150	2411.85	535	0.0225	23.78		
	20	28	8.04	150*150*150	2382.22	538	0.0225	23.91		
	20	28	8.27	150*150*150	2450.37	537	0.0225	23.87	23.88	
	20	28	8.21	150*150*150	2432.59	536	0.0225	23.82		
	20	28	8.15	150*150*150	2414.81	539	0.0225	23.96		

Compressive strength of cement is 23.81 N/mm2

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Test Report
Concrete Compresive strength

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	Bay
	Concrete
	5
	16-May-2018

	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
	20	28.00	8.31	150*150*150	2462.22	532	0.0225	23.64	23.84	23.90
	20	28.00	8.23	150*150*150	2438.52	537	0.0225	23.87		
	20	28.00	8.13	150*150*150	2408.89	540	0.0225	24.00		
	20	28.00	8.36	150*150*150	2477.04	539	0.0225	23.96	23.97	
	20	28.00	8.30	150*150*150	2459.26	538	0.0225	23.91		
	20	28.00	8.24	150*150*150	2441.48	541	0.0225	24.04		

28-days Compressive strength of cement is 23.90 N/mm2

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Test Report
Concrete Compresive strength

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	Executive Engineer, Project Division Yalahanka
	MCTPL/BBMP/Project-YNK/2017-2018/QR/01
	Concrete(M20) for wall
	M/s. K.R.I.D.L
	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
	Bay
	Concrete
	1
	23-May-2018

	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
	20	7	6.89	150*150*150	2041.48	350	0.0225	15.56	13.45	14.17
	20	7	6.85	150*150*150	2029.63	319	0.0225	14.18		
	20	7	6.78	150*150*150	2008.89	239	0.0225	10.62		
	20	7	7.06	150*150*150	2091.85	340	0.0225	15.11	14.89	
	20	7	6.75	150*150*150	2000.00	335	0.0225	14.89		
	20	7	6.68	150*150*150	1979.26	330	0.0225	14.67		

7-days Compressive strength of cement is 14.17 N/mm2

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Test Report
Concrete Compresive strength

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	M/s. K.R.I.D.L
	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
	Bay
	Concrete
	2
	23-May-2018

	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
	20	7	6.99	150*150*150	2071.11	352	0.0225	15.64	13.54	14.26
	20	7	6.95	150*150*150	2059.26	321	0.0225	14.27		
	20	7	6.88	150*150*150	2038.52	241	0.0225	10.71		
	20	7	7.16	150*150*150	2121.48	342	0.0225	15.20	14.98	
	20	7	6.85	150*150*150	2029.63	337	0.0225	14.98		
	20	7	6.78	150*150*150	2008.89	332	0.0225	14.76		

Compressive strength of cement is 14.26 N/mm2

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Test Report
Concrete Compresive strength

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	M/s. K.R.I.D.L
	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
	Bay
	Concrete
	3
	23-May-2018

	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
	20	7.00	7.08	150*150*150	2097.78	354.00	0.0225	15.73	13.63	14.35
	20	7.00	7.04	150*150*150	2085.93	323.00	0.0225	14.36		
	20	7.00	6.97	150*150*150	2065.19	243.00	0.0225	10.80		
	20	7.00	7.25	150*150*150	2148.15	344.00	0.0225	15.29	15.07	
	20	7.00	6.94	150*150*150	2056.30	339.00	0.0225	15.07		
	20	7.00	6.87	150*150*150	2035.56	334.00	0.0225	14.84		

Compressive strength of cement is 14.35 N/mm2

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Test Report
Concrete Compresive strength

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	Executive Engineer, Project Division Yalahanka
	MCTPL/BBMP/Project-YNK/2017-2018/QR/01
	Concrete(M20) for wall
	M/s. K.R.I.D.L
	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
	Bay
	Concrete
	4
	23-May-2018

	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
	20	7	7.18	150*150*150	2127.41	356.00	0.0225	15.82	13.72	14.44
	20	7	7.14	150*150*150	2115.56	325.00	0.0225	14.44		
	20	7	7.07	150*150*150	2094.81	245.00	0.0225	10.89		
	20	7	7.35	150*150*150	2177.78	346.00	0.0225	15.38	15.16	
	20	7	7.04	150*150*150	2085.93	341.00	0.0225	15.16		
	20	7	6.97	150*150*150	2065.19	336.00	0.0225	14.93		

7days Compressive strength of cement is 14.44 N/mm2

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PROJECT MANAGEMENT & CONSULTANCY SERVICES

Test Report
Concrete Compresive strength

	Asphalting road from Amruthahalli main road to Jakkur Burial ground in Ward No.05
	Executive Engineer, Project Division Yalahanka
	MCTPL/BBMP/Project-YNK/2017-2018/QR/01
	Concrete(M20) for wall
	M/s. K.R.I.D.L
	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
	Bay
	Concrete
	5
	22-May-2018

Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
20	7	7.27	150*150*150	2154.07	358.00	0.0225	15.91	13.81	14.53
20	7	7.23	150*150*150	2142.22	327.00	0.0225	14.53		
20	7	7.16	150*150*150	2121.48	247.00	0.0225	10.98		
20	7	7.44	150*150*150	2204.44	348.00	0.0225	15.47	15.24	
20	7	7.13	150*150*150	2112.59	343.00	0.0225	15.24		
20	7	7.06	150*150*150	2091.85	338.00	0.0225	15.02		

Compressive strength of cement is 14.53 N/mm2

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Test Report
Concrete Compresive strength

	Executive Engineer, Project Division Yalahanka
	Project-YNK/2017-2018/QR/01
	for wall
	7) -1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.

Concrete/Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
	7	7.37	150*150*150	2183.70	360.00	0.0225	16.00	13.90	14.61
	7	7.33	150*150*150	2171.85	329.00	0.0225	14.62		
	7	7.26	150*150*150	2151.11	249.00	0.0225	11.07		
	7	7.54	150*150*150	2234.07	350.00	0.0225	15.56	15.33	
	7	7.23	150*150*150	2142.22	345.00	0.0225	15.33		
	7	7.16	150*150*150	2121.48	340.00	0.0225	15.11		

strength of cement is 14.61 N/mm2

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Test Report
Concrete Compresive strength

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	Executive Engineer, Project Division Yalahanka
	MCTPL/BBMP/Project-YNK/2017-2018/QR/01
	Concrete(M20) for wall
	M/s. K.R.I.D.L
	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
	Bay
	Concrete
	1
	13-Jun-2018

Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
20	28	7.96	150*150*150	2358.52	527.00	0.02	23.42	23.66	23.68
20	28	7.85	150*150*150	2325.93	533.00	0.02	23.69		
20	28	7.78	150*150*150	2305.19	537.00	0.02	23.87		
20	28	7.82	150*150*150	2317.04	541.00	0.02	24.04	23.70	
20	28	7.92	150*150*150	2346.67	529.00	0.02	23.51		
20	28	7.81	150*150*150	2314.07	530.00	0.02	23.56		

Compressive strength of cement is 23.68 N/mm2

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Concrete Compresive strength

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	Executive Engineer, Project Division Yalahanka
	MCTPL/BBMP/Project-YNK/2017-2018/QR/01
	Concrete(M20) for wall
	M/s. K.R.I.D.L
	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
	Jay
	Concrete
	21
	03-Jun-2018

Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
20	28	8.06	150*150*150	2388.15	529.00	0.0225	23.51	23.75	23.77
20	28	7.95	150*150*150	2355.56	535.00	0.0225	23.78		
20	28	7.88	150*150*150	2334.81	539.00	0.0225	23.96		
20	28	7.92	150*150*150	2346.67	543.00	0.0225	24.13	23.79	
20	28	8.02	150*150*150	2376.30	531.00	0.0225	23.60		
20	28	7.91	150*150*150	2343.70	532.00	0.0225	23.64		

Compressive strength of cement is 23.77 N/mm2

above are based on the tests carried out on the sample at site.

only to the items tested.

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regarding the report must be reported immediately.

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